

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 09/975, 8/3A
Source: IFW/8
Date Processed by STIC: 9/7/85

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 06/07/2005

PATENT APPLICATION: US/09/975,813A

TIME: 09:02:01

Input Set : A:\DM6907.ST25.txt

Output Set: N:\CRF4\06072005\I975813A.raw

3 <110> APPLICANT: Miller, Jeffrey A.
 5 <120> TITLE OF INVENTION: ASSAYS AND PEPTIDE SUBSTRATE FOR DETERMINING AGGRECAN
 DEGRADING
 6 METALLO PROTEASE ACTIVITY
 8 <130> FILE REFERENCE: DM6907A
 10 <140> CURRENT APPLICATION NUMBER: 09/975,813A
 C--> 11 <141> CURRENT FILING DATE: 2001-10-12
 13 <150> PRIOR APPLICATION NUMBER: 60/053,850
 14 <151> PRIOR FILING DATE: 1997-07-25
 16 <160> NUMBER OF SEQ ID NOS: 61
 18 <170> SOFTWARE: PatentIn version 3.2
 20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 40
 22 <212> TYPE: PRT
 23 <213> ORGANISM: Homo Sapiens
 25 <400> SEQUENCE: 1
 27 Gln Thr Val Thr Trp Pro Asp Met Glu Leu Pro Leu Pro Arg Asn Ile
 28 1 5 10 15
 31 Thr Glu Gly Glu Ala Arg Gly Ser Val Ile Leu Thr Val Lys Pro Ile
 32 20 25 30
 35 Phe Glu Val Ser Pro Ser Pro Leu
 36 35 40
 39 <210> SEQ ID NO: 2
 40 <211> LENGTH: 41
 41 <212> TYPE: PRT
 42 <213> ORGANISM: Bovine
 44 <400> SEQUENCE: 2
 46 Gln Thr Val Thr Trp Pro Asp Val Glu Leu Pro Leu Pro Arg Asn Ile
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 51 20 25 30
 54 Phe Glu Val Ser Pro Thr Ala Pro Glu
 55 35 40
 58 <210> SEQ ID NO: 3
 59 <211> LENGTH: 40
 60 <212> TYPE: PRT
 61 <213> ORGANISM: Homo Sapiens
 63 <400> SEQUENCE: 3
 65 Ile Thr Phe Val Asp Thr Ser Leu Val Glu Val Thr Pro Thr Thr Phe
 66 1 5 10 15
 69 Lys Glu Glu Glu Gly Leu Gly Ser Val Glu Leu Ser Gly Leu Pro Ser
 70 20 25 30
 73 Gly Glu Leu Gly Val Ser Gly Thr
 74 35 40

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77 <210> SEQ ID NO: 4
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79 <212> TYPE: PRT
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83 <223> OTHER INFORMATION: synthetic
86 <220> FEATURE:
87 <221> NAME/KEY: MISC_FEATURE
88 <222> LOCATION: (41)..(41)
89 <223> OTHER INFORMATION: biotinylated lysine residue
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93 Gln Thr Val Thr Trp Pro Asp Met Glu Leu Pro Leu Pro Arg Asn Ile
94 1 5 10 15
97 Thr Glu Gly Glu Ala Arg Gly Ser Val Ile Leu Thr Val Lys Pro Ile
98 20 25 30
101 Phe Glu Val Ser Pro Ser Pro Leu Lys
102 35 40
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106 <211> LENGTH: 21
107 <212> TYPE: PRT
108 <213> ORGANISM: Artificial
110 <220> FEATURE:
111 <223> OTHER INFORMATION: synthetic
114 <220> FEATURE:
115 <221> NAME/KEY: MISC_FEATURE
116 <222> LOCATION: (21)..(21)
117 <223> OTHER INFORMATION: biotinylated lysine residue
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125 Pro Ser Pro Leu Lys
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132 <213> ORGANISM: Artificial
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135 <223> OTHER INFORMATION: synthetic
138 <220> FEATURE:
139 <221> NAME/KEY: MISC_FEATURE
140 <222> LOCATION: (1)..(1)
141 <223> OTHER INFORMATION: biotinylated lysine residue
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149 Ile Thr Glu Gly Glu
150 20
153 <210> SEQ ID NO: 7
154 <211> LENGTH: 30

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155 <212> TYPE: PRT
156 <213> ORGANISM: Artificial
158 <220> FEATURE:
159 <223> OTHER INFORMATION: synthetic
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163 <221> NAME/KEY: MISC_FEATURE
164 <222> LOCATION: (30)..(30)
165 <223> OTHER INFORMATION: biotinylated lysine residue
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173 Thr Glu Gly Gln Ala Arg Gly Ser Val Ile Leu Thr Val Lys
174 20 25 30
177 <210> SEQ ID NO: 8
178 <211> LENGTH: 6
179 <212> TYPE: PRT
180 <213> ORGANISM: Homo sapiens
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191 <213> ORGANISM: Homo sapiens
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200 <211> LENGTH: 6
201 <212> TYPE: PRT
202 <213> ORGANISM: Bovine
204 <400> SEQUENCE: 10
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212 <212> TYPE: PRT
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223 <212> TYPE: PRT
224 <213> ORGANISM: Rat
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228 Asn Ile Thr Glu Gly Glu
229 1 5
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233 <211> LENGTH: 8
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244 <211> LENGTH: 6
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251 1 5
254 <210> SEQ ID NO: 15
255 <211> LENGTH: 8
256 <212> TYPE: PRT
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261 Ala Leu Gly Ser Val Ile Leu Thr
262 1 5
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266 <211> LENGTH: 6
267 <212> TYPE: PRT
268 <213> ORGANISM: Pig
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272 Asn Ile Thr Glu Gly Glu
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276 <210> SEQ ID NO: 17
277 <211> LENGTH: 8
278 <212> TYPE: PRT
279 <213> ORGANISM: Pig
281 <400> SEQUENCE: 17
283 Ala Arg Gly Thr Val Ile Leu Thr
284 1 5
287 <210> SEQ ID NO: 18
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289 <212> TYPE: PRT
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292 <400> SEQUENCE: 18
294 Asn Ile Thr Glu Gly Glu
295 1 5
298 <210> SEQ ID NO: 19
299 <211> LENGTH: 8
300 <212> TYPE: PRT
301 <213> ORGANISM: Sheep
303 <400> SEQUENCE: 19
305 Ala Arg Gly Asn Val Ile Leu Thr
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309 <210> SEQ ID NO: 20

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Input Set : A:\DM6907.ST25.txt

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310 <211> LENGTH: 6
311 <212> TYPE: PRT
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321 <211> LENGTH: 5
322 <212> TYPE: PRT
323 <213> ORGANISM: Chicken
325 <400> SEQUENCE: 21
327 Ala Arg Gly Ser Ile
328 1 5
331 <210> SEQ ID NO: 22
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333 <212> TYPE: PRT
334 <213> ORGANISM: Horse
336 <400> SEQUENCE: 22
338 Asn Ile Thr Glu Gly Glu
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342 <210> SEQ ID NO: 23
343 <211> LENGTH: 8
344 <212> TYPE: PRT
345 <213> ORGANISM: Horse
347 <400> SEQUENCE: 23
349 Ala Arg Gly Asn Val Ile Leu Thr
350 1 5
353 <210> SEQ ID NO: 24
354 <211> LENGTH: 8
355 <212> TYPE: PRT
356 <213> ORGANISM: Homo Sapiens
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360 Ala Ser Thr Ala Ser Glu Leu Glu
361 1 5
364 <210> SEQ ID NO: 25
365 <211> LENGTH: 8
366 <212> TYPE: PRT
367 <213> ORGANISM: Homo Sapiens
369 <400> SEQUENCE: 25
371 Gly Arg Gly Thr Ile Gly Ile Ser
372 1 5
375 <210> SEQ ID NO: 26
376 <211> LENGTH: 8
377 <212> TYPE: PRT
378 <213> ORGANISM: Bovine
380 <400> SEQUENCE: 26
382 Ala Thr Thr Ala Gly Glu Leu Glu
383 1 5
386 <210> SEQ ID NO: 27

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 06/07/2005
PATENT APPLICATION: US/09/975,813A TIME: 09:02:02

Input Set : A:\DM6907.ST25.txt
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:4,5,6,7

VERIFICATION SUMMARY

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L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date